

GenCore version 5.1.3
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OM protein - protein search, using sw model.

Run on: November 27, 2002, 07:15:05 ; Search time 29.0579 Seconds

Perfect score: 1 QIVLQSQSPAILSASPGEKVT.....CQQWSNSNPPTFGGGTMLER 106

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 283224 seqs, 9614422 residues

Total number of hits satisfying chosen parameters: 283224

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

database : PIR_73:
1: pir1:
2: pir2:
3: pir3:
4: pir4:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	523	94.1	106	PI0082
2	492	88.5	107	A42848
3	480	86.3	107	PC4405
4	474	85.3	2	A30562
5	473	85.1	105	S26338
6	469	84.4	107	330562
7	465.5	83.9	108	S38720
8	465.5	83.7	108	S38720
9	462	83.1	140	2
10	459	82.6	106	PS0071
11	458	82.4	104	2
12	458	82.4	107	B49049
13	457	82.2	130	1
14	454	81.7	103	S29591
15	454	81.7	100	S29590
16	454	81.7	107	2
17	452	81.3	97	2
18	446	80.2	106	B54378
19	445	80.0	235	2
20	444	79.9	107	2
21	442.5	79.6	104	J6076
22	442	79.5	107	2
23	440	79.1	130	2
24	437	78.6	97	PI0084
25	434	78.1	107	2
26	433	77.9	107	2
27	433	77.9	130	2
28	433	77.9	130	S0573
29	430	77.3	99	2
				S29585

ALIGNMENTS

RESULT 1
PI0082
1g kappa chain V region (2D3) - mouse
C;Species: Mus musculus (house mouse)
C;Date: 07-Jun-1990 #sequence_revision 07-Jun-1990 #text_change 21-Jan-2000
C;Accession: PL0082
R;Meek, K.; Hasemann, C.; Pollok, B.; Alkan, S.S.; Braut, M.; Slaoui, M.; Urbain, R.; Exp. Med. 169, 519-533, 1989
A;Title: Structural characterization of antiidiotypic antibodies; evidence that Ab A;Reference number: PL0080; MUID:89094208; PMID:2492056
A;Accession: PL0082
A;Molecule type: mRNA
A;Residues: 1-106 MEE>
A;Experimental source: strain BALB/C
A;Note: the sequence shown here is from the V kappa region of an antiidiotypic monoclonal antibody (mAb) that binds to the V kappa region of an immunoglobulin homology F;16-89/Domain: immunoglobulin homology <IMM>
C;Keywords: heterotetramer; immunoglobulin
C;Superfamily: immunoglobulin V region; immunoglobulin homology <IMM>
C;Family: immunoglobulin V region; immunoglobulin homology <IMM>
C;Domain: immunoglobulin homology <IMM>

Query Match 94.1%; Score 523; DB 2; Length 106;
Best Local Similarity 94.3%; Pred. No. 9; 2e-38; 3; Mismatches 3; Indels 0; Gaps 0

Query Match 94.1%; Score 523; DB 2; Length 106;
Best Local Similarity 94.3%; Pred. No. 9; 2e-38; 3; Mismatches 3; Indels 0; Gaps 0
Matches 100; Conservative 3; Mismatches 3; Indels 0; Gaps 0
Description 1g kappa chain V region (2D3) - mouse
Db 1 QIVLQSQSPAILSASPGEKVTMCRASSNVNHWYQOKPGSSPKENISLNASGVPAR 60
QY 61 FSSGSGSGTYSYSLTSRVEADATYYCQWNSNSNPPTFGGGTMLER 106
Db 61 FSGSGSGTYSYSLTSRVEADATYYCQWNSNSNPPTFGGGTMLER 106
RESULT 2
A42848
1g light chain V region - mouse (fragment)
N;Alternate names: L6 anti-tumor antibody
C;Species: Mus musculus (house mouse)
C;Date: 27-Apr-1993 #sequence_revision 18-Nov-1994 #text_change 21-Jan-2000
C;Accession: A42848; S33902
R;Fell, H.P.; Gayle, M.A.; Yelton, D.; Lipsitch, L.; Schieven, G.L.; Marken, J.; Biol. Chem. 267, 1552-1558, 1992
A;Title: Chimeric L6 anti-tumor antibody: Genomic construction, expression, and characterization
A;Reference number: A42848; MUID:92348410; PMID:1639794
A;Accession: A42848
A;Status: preliminary
A;Molecule type: DNA
A;Residues: 1-107 <FELL>
A;Cross-references: EMBL:MG06900
A;Note: sequence extracted from NCBI backbone (NCBIn:109958, NCBIP:109959)
C;Superfamily: immunoglobulin V region; immunoglobulin homology <IMM>
C;Keywords: immunoglobulin
F;16-89/Domain: immunoglobulin homology <IMM>